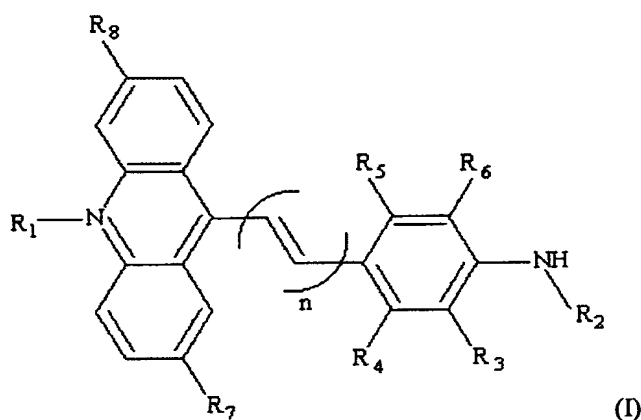


Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A chromogenic enzyme substrate for detecting amino-peptidase activity in microorganisms or for determining whether at least one bacterium ~~belongs to the~~ Gram-positive group or to the Gram-negative group according to the color thereof, wherein the substrate ~~characterized in that it has~~ the formula (I) below:



wherein ~~in which~~:

R₁ is nothing or an alkyl, allyl or aryl group;

R₂ ~~is~~ consists of at least one amino acid, ~~preferably alanine~~;

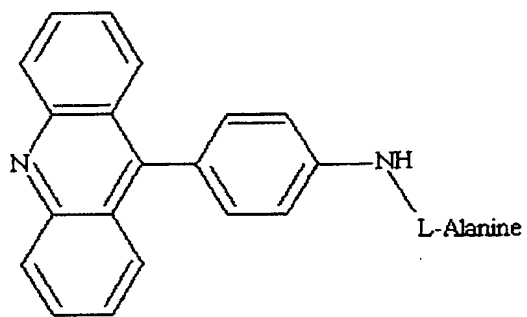
R₃, R₄, R₅ and R₆ ~~are~~ consist, independently of one another, of H- or O-alkyl; ~~O-alkyl~~, preferably ~~O-CH₃~~;

R₇ ~~is~~ consists of H, O-CH₃, alkyl or halogen;

R₈ ~~is~~ consists of H or Cl; and

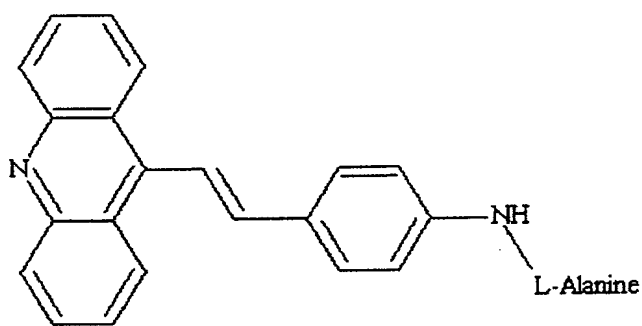
n is an integer corresponding to 0 or 1.

2. (Currently Amended) The substrate as claimed in claim 1, having the ~~characterized in that it has~~ formula (Ia) below:



(Ia)

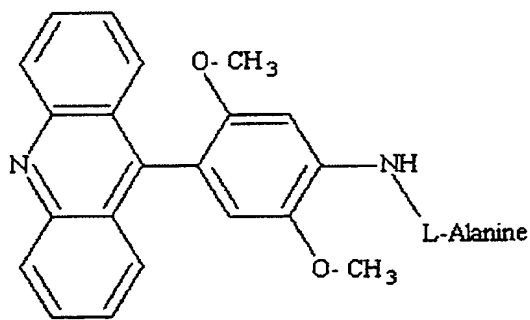
or in that it has or formula (Ib) below:



(Ib)

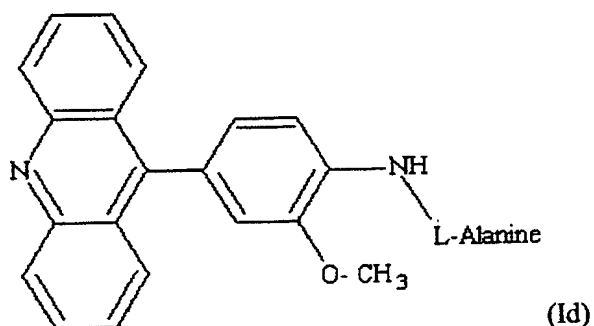
3. (Currently Amended) The substrate as claimed in claim 1, wherein characterized in that R_1 is a methyl or allyl group.

4. (Currently Amended) The substrate as claimed in claim 1, having the characterized in that it has formula (Ic) below:



(Ic)

or in that it has or formula (Id) below:



(Id)

5. (Currently Amended) The substrate as claimed in claim 1, wherein
~~characterized in that R₂ or the L-alanine is coupled to a blocking agent.~~

6. (Currently Amended) A culture medium using comprising at least one
chromogenic enzyme substrate as claimed in claim 1, ~~alone or in combination with at least~~
~~one other enzyme substrate specific for an enzyme activity that is other than that detected by~~
~~the substrate according to the invention.~~

7. (Currently Amended) The medium as claimed in claim 6, wherein the medium
is characterized in that it consists of a gelled medium.

8.-9. (Canceled)

10. (Currently Amended) A method for detecting at least one aminopeptidase
activity in microorganisms, comprising~~characterized in that it consists in:~~

- _____ a) _____ providing a culture medium as claimed in claim 6;
- _____ b) _____ seeding the culture medium with a biological sample to be tested;
- _____ c) _____ incubating the seeded culture medium;~~leaving it to incubate,~~ and
- _____ d) _____ visualizing the presence of at least one aminopeptidase activity,~~alone~~
~~or in combination with at least one other enzyme activity different from an aminopeptidase~~
activity.

11. (Currently Amended) A method for differentiating Gram-positive and Gram-negative bacteria in terms of whether they belong to microorganisms of the Gram-positive type or to microorganisms of the Gram-negative type, characterized in that it consists in, comprising:

- _____ a) _____ providing a culture medium as claimed in claim 6;
- _____ b) _____ seeding the culture medium with a biological sample to be tested;
- _____ c) _____ incubating the seeded culture medium; ~~leaving it to incubate~~, and
- _____ d) _____ visualizing the presence of at least one color synonymous with the presence of at least one bacterium ~~a microorganism or microorganisms~~ of the Gram-negative type.

12. (Currently Amended) The method as claimed in claim 10, wherein ~~characterized in that~~, when the nitrogen in the 10-position of the acridine group is not quaternized, the presence of at least one aminopeptidase activity is visualized by adding an acid, ~~preferably hydrochloric acid, acetic acid or citric acid~~, to the culture medium.

13. (New) The method as claimed in claim 12, wherein the acid is hydrochloric acid, acetic acid or citric acid.

14. (New) The culture medium as claimed in claim 6, further comprising at least one other enzyme substrate specific for an enzyme activity different from an aminopeptidase activity.

15. (New) A method for detecting at least one aminopeptidase activity in microorganisms, comprising:

- a) providing a culture medium as claimed in claim 14;
- b) seeding the culture medium with a biological sample to be tested;
- c) incubating the seeded culture medium;
- d) visualizing the presence of at least one aminopeptidase activity; and

e) visualizing the presence of at least one enzyme activity different from an aminopeptidase activity.

16. (New) The substrate as claimed in claim 1, wherein R_2 is alanine.

17. (New) The substrate as claimed in claim 1, wherein R_3 , R_4 , R_5 and R_6 , are independently of one another, $O-CH_3$.

18. (New) The substrate as claimed in claim 2, wherein the L-alanine is coupled to a blocking agent.

19. (New) The substrate as claimed in claim 4, wherein the L-alanine is coupled to a blocking agent.